

## **SITI MAZWIN BT KAMARUDDIN (TPr, Ts, Dr)**

Senior Lecturer (FSPU)

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### **Areas of Expertise**

Urban and Regional Planning; Environmental Management

<https://expert.uitm.edu.my/profile>

<https://prisma.uitm.edu.my/prisma/>

<https://www.scopus.com/freelookup/form/author.uri?st1=kamaruddin&st2=siti%20mazwin>

<https://scholar.google.com/citations?user=9uRCL10AAAAJ&hl=en>

<https://orcid.org/0000-0002-1836-4393>

### **Academic Qualifications**

PhD in Geography, 2012, University of Canterbury New Zealand

Master in Planning 1992, Universiti Sains Malaysia Pulau Pinang

Degree of Urban and Regional Planning 1989 East Carolina University USA

### **Professional Memberships** (Name of Body/member, Position, Duration)

1. Board of Town Planning Malaysia Corporate Member (A047) 2018 - current
2. Malaysian Institute of Planners Corporate Member (647/15) 2015 - current
3. Board of Technologist – Professional Technologist (AC) 2022 - current

### **Current Teaching and Learning** (Level of Degree, Semester, Course Name, Action)

1. Master, Program AP771 September 2020, UDM710 Urban Project Development; UDM754 Dissertation
2. Degree, September 2020, TPS551 Planning Theory, TPS450 Residential Development, TPS651 Thesis

## Student Supervision

### Phd by Research (AP991)

1. Co-supervision for FSPU UiTM PhD (GOT) Graduant Izzadin Ali Ahmed Al-Shaez. Thesis title: *Modelling groundwater aquifer to estimate water sustainability in Sana'a basin* 14<sup>th</sup> October 2017 (Status: **GOT Award. Completed. Graduated**)
2. Co-supervisor for FSPU UiTM PhD Candidate Fairiz Mirza b. Yop Zain (Thesis title : *Environmental Impact Assessment: Investigate The Level Of Public Participatory In Malaysia*) (Status: **Ongoing 2014 – current**)
3. Co-supervisor for PhD Candidate Siti Kartina bt Juhari (Thesis Title: *The Implementation of Low Carbon Cities Framework (LCCF) In a Local Authority*) (Status: Submitted December 2020 **Completed viva**)

### Masters by Research (AP781)

1. **Main Supervisor** for Masters by Research Candidate Nornawar Laili bt Nordin (Thesis Title: *Interretation and Modification of Pedestrian Street Network*) Status **(2021 – ongoing)**
2. **Co-supervision** for Masters by Research Candidate Mohd Badiulzaman bin Mohamad Abdul Hamid (Thesis Title: *Strategy for Development of Wakaf Land in Melaka*) (**Status 2020 – ongoing**)

### MSc. Urban Development and Management (AP771) Dissertation (Coursework UDM754)

1. Nurul Hafeeza bt. Juma'ah (*Mosque as the Nucleus for business Activities, Case Study: Masjid India Kuala Lumpur 2018*) (Status: *Completed and Graduated*)
2. Farah Amira Ahmad Shafee (*The Effective Characteristics of an Urban Park Through Visitors Perception Case study: KLCC Park 2015*) (Status: *Completed and Graduated*)
3. Marzila bt. Mohd. Noor Hazimi (*Participation in Sustainable Practices on Solid Waste Management Case Study: UiTM Shah Alam 2013*) (Status: *Completed and Graduated*)
4. Mohd. Fazli b. Fadzil (*Evaluation of Urban Park Maintenance toward comfortability and safety in Park Area 2013*) (Status: *Completed and Graduated*)
5. Sakurah bt. Jamaluddin (*Evaluation of Carbon Sequestration Levels in Parks. Case study: Shah Alam 2013*) (Status: *Completed and Graduated*)
6. Norshahila bt. Mohyidin (*The effectiveness of solid waste management privatization. Case Study: Alor Setar 2014*) (Status: *Completed and Graduated*)
7. Rozdiana bt. Mohd Rosmi (No. Matrik 2017890252) (2019) *Comparison of the Effectiveness of OSC Online 3.0 for Delivery System towards Digital Government* (Status: *Completed and Graduated*)
8. Illa Marhatila bt Adzli (No. Matrik 2017585405) (2019) *Factors Affecting Residential Property Values* (Status: *Completed and Graduated*)
9. Iliyasu Muhammed (No. Matrik 2020571861(2020) *Evaluation of Solid Waste Disposal Practice in Bauchi Old City* (Completed and Graduated)
10. Suljirina Lucas (No Matrik 2021432658 (2022) *A Framework for Sustainable Urban Renewal*) (Ongoing)

## Publications (Author Name, Year, Title, Place of Publication, Publishers, Action/Role)

1. **Siti Mazwin Kamaruddin** et al. FGD Of Factors Contributing To Felda Land Development: Towards Highest Best Use. **International Journal of Social Science Research**, [S.I.], v. 3, n. 4, p. 70-80, Dec. 2021. ISSN 2710-6276.

2. **Siti Mazwin Kamaruddin**, Rozdiana Mohd Rosmi, Faridah Muhamad Halil, Alamah Misni, Marlyana Azyyati Marzukhi; User Awareness, Impediments And Proposed Improvements To The One Stop Centre (Osc) Online 3.0 System. Case Study: Municipal Council Of Subang Jaya, Selangor, Malaysia **(2020); Journal of the Malaysian Institute of Planners** Vo.18 issue 4.  
<https://www.planningmalaysia.org/index.php/pmj>
3. **Siti Mazwin Kamaruddin**, Rozdiana Mohd Rosmi, A Misni, P Ahmad (2018); The Effectiveness of Digital Governance. Case Study: The OSC Online 3.0 System (Planning Stage) of Municipal Council of Subang Jaya, Selangor Malaysia. KIEAE Fall Conference, Seoul Korea
4. **Siti Mazwin Kamaruddin**, A Misni, P Ahmad, R Yaman (2019); Application of Principle Component analysis: Deriving Influencing Factors of Teenagers' Recycling Practices 4th **International Conference on Research Methodology for Built Environment**
5. **Siti Mazwin Kamaruddin**. Mohd Hafiz Sharif, Alamah Misni Puziah Ahmad (2018) Subang Jaya Residents' Awareness and Practice of Biomass Waste Management SM Kamaruddin, MH Sharif, A Misni, P Ahmad **Asian Journal of Quality of Life** 3 (12), 147-155
6. **Siti Mazwin Kamaruddin**, Nuur Syafawani Zaini, Alamah Misni, Puziah Ahmad (2017); The Satisfaction Level of Indigenous People Towards Planned Housing Development. Case Study: Orang Asli Kg. Sejangong, Sri Medan, Yong Peng Johor. ICRMBEE UiTM 2017 Shah Alam 8-9 November 2017
7. **Siti Mazwin Kamaruddin**. Mohd Hafiz Sharif, Alamah Misni Puziah Ahmad (2017); Bio Mass Initiative: Awareness and Practice Case Study Subang Jaya; AicQoL 2017 Bangkok 25-27<sup>th</sup> February 2017
8. **Siti Mazwin Kamaruddin**, Puziah Ahmad and Norsyamira Alwee (2016); Community Awareness on Environmental Management through Local Agenda 21 (LA21) ; ASEAN-Turkey ASLI QoL2015: AicQoL2015Jakarta, Indonesia, 25–27 April 2015
9. **Siti Mazwin bt. Kamaruddin** (2012); Facilitating Opportunities for Social Learning about Sustainable Waste Management; PhD Thesis; University of Canterbury, New Zealand
10. **Siti Mazwin bt. Kamaruddin**, Eric Pawson and Simon Kingham (2013); Facilitating Social Learning in Sustainable Waste Management: Case Study of NGOs Involvement in Selangor, Malaysia AicE-Bs2013London Asia Pacific International Conference on Environment-Behaviour Studies University of Westminster, London, UK, 4-6 September 2013 *"From Research to Practice"*
11. **Siti Mazwin Kamaruddin** and Dasimah bt. Omar (2012); Disaster Risk Management and Assessment, Planning Info Magazine Series 4 (ISSBN 2229-8878), FSPU, UiTM Shah Alam.
12. **Siti Mazwin Kamaruddin** and Dasimah bt Omar (2011); Waste Management and the Role of Waste Administrators in Selangor, Malaysia, *Ravage of the Planet III*, Conference, The Wessex Institute of Technology, UK and UiTM Malaysia, (Scopus Indexed) 13-15 Dec 2011.
13. A Misni, S Jamaluddin, **SM Kamaruddin** Carbon Sequestration Through Urban Green Reserve And Open Space (2015); - PLANNING MALAYSIA, - mip.org.my

14. A Misni, S Jamaluddin, **SM Kamaruddin** Green Criteria Used in Estimating the Carbon Sequestered in Pasir Gudang, Johor Malaysia (2015); ; ICRMBEE UiTM 20th April 2015
15. Puziah bt. Ahmad, Dasimah bt. Omar, **Siti Mazwin bt. Kamaruddin** (2014); Satisfaction Level of Local Community on the Rural Socio-economic Empowerment , in Proceedings International Conference on Urban and Regional Planning, UTM Johor Bahru -11 May 2014
16. Ishak Che Abdullah, Fatimah Yusof, **Siti Mazwin Kamaruddin**, Abdul Rauf Abdul Rasam (2013); Travel Behaviour and Landuse Planning: The Planning of Mosque in Shah Alam, Selangor Volume 105, 3 December 2013, Pages 723–733
17. *Nuraini Farhana Alias, **Siti Mazwin Kamaruddin** and Ishak Che Abdullah (2012); the Impact of Tourism Development to the Local Population: The Case of Kampung Padang Lalang, Langkawi.* In Proceedings of Conference on Urban Planning and Management in Malaysia, Malaysian Institute of Planners, UiTM, UTM, USM, UIA.
18. Ishak Che Abdullah, Fariha Ramli and **Siti Mazwin Kamaruddin** (2012); Social Networking Sites as a Medium to Disseminate Planning Information, In Proceedings of Conference on Urban Planning and Management in Malaysia, Malaysian Institute of Planners, UiTM, UTM, USM, UIA.
19. Dasimah bt. Omar and **Siti Mazwin Kamaruddin** (2011); *Chapter 3: Solid Waste Management, Holistic Construction Project Management*, Penerbit UiTM Press.
20. Salbiah Mokhtar and **Siti Mazwin Kamaruddin** (2005); Inventori Tanah Wakaf di Bandaraya Ipoh Menggunakan Sistem Maklumat Geografi (GIS); Penerbit IRDC UiTM Shah Alam
21. Marlyana Azyyati Marzukhi, Nur Masyitah Ghazali, Oliver Ling Hoon Leh, Nurul Shakila Khalid, **Siti Mazwin Kamaruddin**, Muhammad Farid Azizul (2020); The Influence Of Urban Planning On Mental Health. Case Study: Federal Territory Of Kuala Lumpur; **Journal of the Malaysian Institute of Planners Vo.18 issue** <https://www.planningmalaysia.org/index.php/pmj>
22. Wan Nur Adilah Wan Roshdan, **Siti Mazwin Kamaruddin**, Faridah Muhamad Halil, Alamah Misni, Puziah Ahmad (2020); A Simplified Design Tool For Grid-Connected (Gcpv) System For Green Housing; Kansai Technological Report; Vol 13 Issue 07-62; <https://www.kansaiuniversityreports.com/search-article>
23. Ahmad, P., Hashim, M.S., Misni, A., **Kamaruddin, S.M.**; (2020) A Comparative Requirement Of Space Design: Green And Open Space Analysis; International Journal of Environment and Sustainable Development, 2020, 19(3), pp. 295–307
24. Misni, A., Razmi, N.M., Ahmad, P., Rasam, A.R.A., Nor, R.M., **Kamaruddin S.M** (2020); Applying Low Carbon Landscapes At The Premier Polytechnic Of Sultan Salahuddin Abdul Aziz Shah, Shah Alam, Malaysia; International Journal Of Environment And Sustainable Development, 2020, 19(3), Pp. 284–294
25. Muhamad Halil, F., Hasim, M. S., **Kamaruddin, S. M.**, Mat Nasir, N., & Ismail, H. (2022). TORNADO FINANCIAL DEVELOPMENT COST ANALYSIS FOR GREEN PROJECT IN MALAYSIA. *PLANNING MALAYSIA*, 20(20). <https://doi.org/10.21837/pm.v20i20.1085>

## Research Grants and Contracts (Author Name, Year, Title, Grant, Amount, Action/Role, Status)

2021 – Framework to Empowering FELDA Land Development Towards Sustainability and Highest Best Use (**Co Researcher**) Projek Penyelidikan Dana National Real Estate Coordinator (NAPREC) di bawah Rancangan Malaysia Ke-12 Institut Penilaian Negara (INSPEN) Jabatan Penilaian dan Perkhidmatan Harta (**Status: Ongoing**)

2020 – Factors Influencing Communities Bio Mass Initiative Practice (**Project Leader**) LESTARI UiTM Grant (600-IRMI 5/3 LESTARI 053/2018) (**Status: Completed**)

2012 - Factors Influencing UiTM Students to Recycle: Towards Sustainable Waste Practices on Campus (RIF (code:600-RMI/DANA 5/3/RIF (419/2012), 2012 - 2014, (**Project Leader**) (**Status: Completed**))

2012 - Challenges in the Processing Permission by OSC Case Study: Selangor Local Authorities (RIF (code:600-RMI/DANA 5/3/RIF (427/2012), 2012 - 2014, **Co researcher**) (**Status: Completed**)

2012- The Influence of Landuse Components on the Functions of Mosque (RAGS, 2012 – 2014) **Co researcher**) (**Status: Completed**)

2010 - The Adaptability of Mukah Community towards the Sarawak Corridor Renewable Energy (SCORE) (code:600-RMI/SSP/FRGS/5/3/FSP(130/2010 **Co Researcher**) (**Status: Completed**)

2005 - Kajian Inventori Tanah Wakaf di Ipoh Menggunakan Sistem Maklumat Geografi (GIS) for MAIP (**Co Researcher – (Status: Completed)** IRDC UiTM, 2005

## Consultation & Expertise (Appointment, Organization, Title, Level, Year, Action/Role)

Penyediaan Manual Akreditasi Program jazah Sarjana Muda Perancangan Bandar dan Wilayah. Client: Lembaga Perancang Bandar Malaysia (2020) Project Fee: RM50,000/- Duration (12 months)

Panel Audit (Area 1,2) for Bachelor of Development Management (Degree Program) Universiti Utara Malaysia (2022)

## Innovation, Commercialization & Entrepreneurial (Project Name, Type of

- Gold Award for IID BEEEX Poster (2020) Titled " A Simplified Design Tool for GCPV System for Green Housing)
- Bronze Award for IIDEEX Poster (2016) Titled " Carbon Sequestration through Urban Green Reserve and Open Space"
- Bronze Award for IIDEX (2016) Titled " Bio Mass Initiative; Awareness and Practice"
- Perlindungan Harta Intelek di bawah kategori Hakcipta (Copyright) terhadap artikel *Community Awareness on Environmental Management through LA21*. Tarikh: 5 Julai 2017. RIBU UiTM.

## Services & Administration (Position, Duration, Level of Position, Main Job/Action)

Coordinator for Masters of Science in Urban Development and Management (2020 – 2022); (2022 – 2024), Centre for Postgraduate Studies FSPU, UiTM

Head of Center of Studies Town and Regional Planning FSPU UiTM (2014); (2016); (2017)

Head of Internal Auditor FSPU, UiTM Shah Alam (2015)

Coordinator MYRA FSPU UiTM (2013)

**Work and Collaboration Experience** (Position, Duration, Name of Organization, Main Job/Action)

Research Assistant HBP Universiti Sains Malaysia P. Pinang (1990-1992)

Senior Planner – FOCUS Architects and Planners (1995-2001)

**Awards & Recognitions** (Name of Award, Organization, Title, Level, Year, Action/Role, Achievement)

Focus Architects and Planners Staff of the Year Award	(1995)
UiTM Excellence Award	(2005)
UiTM Excellence Award	(2015)
ASLI QoL 2015 Conference Top 10 Paper Award	(2015)
IiDEX FSPU UiTM Bronze Medal Award (Poster)	(2016)
IIDBEEEX FSPU UiTM Gold Medal Award (Poster)	(2020)

**Contribution to Society** (Name of Program, Organization, Title, Level, Year, Action/Role, Achievement)

Committee Member of PWS Property Development Perbadanan Wakaf Selangor (PWS), MAIS (2014-2019)

Member of Badan Agama Kebajikan Surau Al Hidayah Kelana Jaya (2000 – current)

Member of Persatuan Kejiranan Kelana Jaya SS5 (2017 – current)

Member of MUAFAKAT MRSM Subes (2020 – 2022)

**Other Activities** (Name of Program, Organization, Title, Level, Year, Action/Role, Achievement)

Alumni Member of University of Canterbury NZ (2012 – current)